

Application Serial No. 10/593,609
Preliminary Amendment

MAY 12 2008 PATENT
Docket: CU-5096

Amendments To The Specification

Please replace the paragraph in the specification on page 4, lines 9-23 with the following amended paragraph:

In accordance with one aspect of the present invention, there is provided a package providing method for providing a package which is a set of components to a user terminal, comprising the steps of generating metadata including a content reference identifier (CRID) for identifying the components and an instance metadata identifier (IMI) for identifying the content reference identifier and transmitting the metadata to the user terminal.

~~method for identifying components having identical contents and different bit expressions, the method including the steps of: assigning an identical content reference identifier (CRID) to each of the components; assigning different instance metadata identifiers to each of the components; and identifying the components by using the CRID and the instance metadata identifications.~~

Please replace the paragraph in the specification on page 4, lines 24-35 and page 5, lines 1-6 with the following amended paragraph:

In accordance with another aspect of the present invention, there is provided a package providing apparatus for providing a package which is a set of components to a user terminal, comprising a generating unit for generating metadata including a content reference identifier (CRID) for identifying the components and an instance metadata identifier (IMI) for identifying the content reference identifier and a transmitting unit for transmitting the metadata to the user terminal.

~~component identification method for identifying components having identical contents, identical bit expressions and different locations, the component identification method including the steps of: assigning different instance metadata identifiers to each of the components having an identical CRID; and listing the assigned instance metadata identifiers in a package metadata having corresponding condition of an intended targeting.~~

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Please replace the paragraph in the specification on page 5, lines 7-33 with the following amended paragraph:

In accordance with still another aspect of the present invention, there is provided a package consuming method for consuming a package which is a set of components, comprising the steps of receiving metadata including a content reference identifier (CRID) for identifying the components and an instance metadata identifier (IMI) for identifying the content reference identifier and acquiring the components using the content reference identifier and the instance metadata identifier of the metadata.

~~targeting service providing system for providing contents according to a usage environment to a user terminal, the targeting service providing system including: a package metadata generating unit for generating a package metadata according to a condition of the usage environment by using an instance metadata identifier with a CRID as a component identifier for components having identical contents and different bit expressions; an encoding unit for encoding the generated package metadata; and a transmitting unit for transmitting the encoded metadata.~~

~~The package metadata generating unit may generate a package metadata by listing assigned instance metadata identifiers to components having identical contents, identical bit expressions and different locations in a package metadata having corresponding conditions of an intended targeting if there are the components having identical contents, identical bit expressions and different locations existed.~~

Please replace the paragraph in the specification on page 5, lines 34-35 and page 6, lines 1-17 with the following amended paragraph:

In accordance with further still another aspect of the present invention, there is provided a user terminal for consuming a package which is a set of components, comprising a receiving unit for receiving metadata including a content reference identifier (CRID) for identifying the components and an instance metadata identifier (IMI) for identifying the content reference identifier and an acquiring unit for acquiring the components using the content reference identifier and the instance metadata identifier of the metadata.

~~user terminal, including: a receiving unit for receiving a package metadata generated according to a condition of a usage environment by using an instance metadata identifier with a contents reference identifier as a component identifier for components having identical contents and different bit expression; and a decoding unit for decoding the received metadata, wherein the user terminal obtains the component by using the component identifier of the decoded metadata and consumes the obtained~~

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component.

Please replace the paragraph in the specification on page 6, lines 18-31 with the following amended paragraph:

In accordance with further still another aspect of the present invention, there is provided a metadata for providing a package which is a set of components, comprising a content reference identifier (CRID) for identifying the components and an instance metadata identifier (IMI) for identifying the content reference identifier.

The receiving unit may receive a package metadata generated by listing instance metadata identifiers assigned to components in a package metadata having corresponding condition of an intended targeting by using a CRID and an instance metadata identifier as a component identifier for the components having identical contents, identical bit expression and different locations.